

ABSTRACT OF THE DISCLOSURE

Disclosed is a wind power generating system. The system comprises moving bodies connected one with another by connectors and repeatedly circulated on a rail of an endless track; sail devices rotatably mounted to the moving bodies and exposed to wind, each sail device having a sail and a mast and including a rotating mechanism for rotating the mast; geared members affixed to one sides of the moving bodies; a generator having a gear which is meshed with the geared members and thereby rotated to allow the generator to generate electricity; direction changing devices located at both turnaround portions of the rail; and sail direction adjusting devices each for adjusting a direction of the sail in conformity with a direction of wind stream.